CLAIMS

1. A data processing apparatus, comprising:

large capacity memory means for storing a plurality of files;

memory means for storing move/copy history when a particular file is moved/copied from said large capacity memory means to a non-volatile memory;

reference menas for referencing the history information stored in said memory means when the particular file is moved/copied from said large capacity memory means to the non-volatile memory; and

control means for prohibiting the particular file from being moved/copied from said large capacity memory means to the non-volatile memory when said reference means has detected that the history information is stored in said memory means.

2. The data processing apparatus as set forth in claim 1,

wherein files stored in said large capacity memory means have been compressed corresponding to a predetermined compressing method.

3. The data processing apparatus as set forth in claim 1,

wherein files stored in said large capacity memory means have been encrypted corresponding to a predetermined encrypting method.

4. The data processing apparatus as set forth in

claim 1,

wherein said memory means is composed of a flash memory.

5. A terminal unit having an attachable/detachable non-volatile record medium, comprising:

encrypting means for encrypting contents data recorded in the attachable/detachable non-volatile record medium with a first key, encrypting the first key with a second key, and encrypting the first key with a third key;

recording means for recording the first key encrypted by said encrypting means to a management area and recording the encrypted contents data to a program area; and

output means for outputting the first key encrypted with the third key and the contents data encrypted with the first key.

6. The terminal unit as set forth in claim 5,

wherein the non-volatile record medium is composed of a flash memory.

7. The terminal unit as set forth in claim 5,

wherein the contents data has been compressed corresponding to a predetermined compressing method.

8. The terminal unit as set forth in claim 5,

wherein the management area contains a contents cumulation number corresponding to each data

unit of the contents data.

9. The terminal unit as set forth in claim 5, wherein the management area contains a number unique to said encrypting means.

10. The terminal unit as set forth in claim 5, wherein the management area contains a file number assigned to each data unit of the contents data.

11. A data processing apparatus having a terminal unit with an attachable/detachable non-volatile record medium and a server portion for receiving/transmitting encrypted contents data from/to the terminal unit,

wherein the terminal unit comprises:

encrypting means for encrypting contents data recorded in the attachable/detachable non-volatile record medium with a first key, encrypting the first key with a second key, and encrypting the first key with a third key;

recording means for recording the first key encrypted by said encrypting means to a management area and recording the encrypted contents data to a program area; and

output means for outputting the first key encrypted with the third key and the contents data encrypted with the first key.

and

wherein the server portion comprises:

receiving means for receiving both the first

key encrypted with the third key transmitted from said output means of the terminal unit and the contents data encrypted with the first key;

memory means for storing the third key and a fourth key that is different from the third key;

decrypting means for decrypting the first key encrypted with the third key received by said receiving means with the third key stored in said memory means;

encrypting means for re-encrypting the first key decrypted by said decrypting means with the fourth key stored in said memory means; and

storing means for storing the contents data encrypted with the first key and the first key re-encrypted by said encrypting means.

12. The data processing apparatus as set forth in claim 11,

wherein the first key is created for each data unit of the contents data.

13. The data processing apparatus as set forth in claim 11,

wherein the attachable/detachable non-volatile record medium is composed of a flash memory.

14. The data processing apparatus as set forth in claim 11,

wherein the server portion further comprises:

input means for inputting linear digital contents data;

compression process means for compressing the linear digital contents data that is input by said input means; and

second encrypting means for encrypting the linear digital contents data compressed by said compression process means with the first key encrypted with the fourth key by said encrypting means.

15. The data processing apparatus as set forth in claim 11, further comprising:

input means for inputting encrypted digital contents data,

wherein after the encrypted digital contents data that is input by said input means is decrypted with the first key decrypted by said decrypting means, the resultant data is encrypted with the first key that is re-encrypted by said encrypting means and then stored to said storing means.

16. A data processing method, comprising the steps of:

storing move/copy history when a particular file is moved/copied from a large capacity memory that stores a plurality of files to a non-volatile memory;

referencing the history information stored in the memory when the particular file is moved/copied from the large capacity memory to the non-volatile memory; and

prohibiting the particular file from being

moved/copied from the large capacity memory to the non-volatile memory when the history information is stored in the memory.

17. A data processing method, comprising the steps of:

encrypting contents data recorded in an attachable/detachable non-volatile record medium with a first key;

encrypting the first key with a second key;

encrypting the first key with a third key;

recording the encrypted first key to a management area and recording the encrypted contents data to a program area; and

outputting the first key encrypted with the third key and the contents data encrypted with the first key.

18. A transmitting method of a data processing apparatus having a terminal unit with an attachable/detachable non-volatile record medium and a server portion for receiving/transmitting encrypted contents data from/to the terminal unit, the method comprising the steps of:

encrypting contents data recorded in the attachable/detachable non-volatile record medium with a first key, encrypting the first key with a second key, and encrypting the first key with a third key;

recording the encrypted first key to a

management area and recording the encrypted contents data to a program area;

outputting the first key encrypted with the third key and the contents data encrypted with the first key to the server portion;

receiving both the first key encrypted with the third key that is output and the contents data encrypted with the first key;

decrypting the first key encrypted with the third key that is received with the third key stored in the server portion;

re-encrypting the decrypted first key with the fourth key stored in the server; and

storing the contents data encrypted with the first key and the re-encrypted first key.